

<b>INFORMATION DISCLOSURE CITATION</b> (Use separate sheets if necessary)				Docket Number (Optional) <b>98-2069</b>		Application Number <b>09/432,334</b>		
				Applicant(s) <b>Guidotti, et al.</b>				
				Filing Date <b>11/2/99</b>		Group Art Unit <b>1745</b>		
<b>U.S. PATENT DOCUMENTS</b>								
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
		3,332,753	7/25/67	Batchelor, et al.	29	191.6	10/10/63	
		3,694,266	9/26/72	Bergum, et al.	136	111	12/21/70	
		3,770,505	11/6/73	Bergum, et al.	136	10	2/25/72	
		3,802,893	4/9/74	Kiger, et al.	106	62	8/28/72	
		4,141,743	2/27/79	Grubba, et al.	106	66	10/31/77	
		4,731,307	3/15/88	Guidotti	429	112	6/10/86	
		4,881,951	11/21/89	Wood, et al.	51	309	5/2/88	
		5,059,095	10/22/91	Kushner, et al.	416	241	10/30/89	
		5,158,843	10/27/92	Batson, et al.	429	218	7/2/90	
		5,332,422	7/26/94	Rao	75	252	7/6/93	
		5,426,003	6/20/95	Spengler, et al.	429	27	2/14/94	
<b>FOREIGN PATENT DOCUMENTS</b>								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
		WO 97/18341	22.05.97	PCT	—	—	✓	
		WO 99/64641	16.12.99	PCT	—	—	✓	
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>								
		Metals Handbook, Ninth Edition: Volume 5 Surface Cleaning, Finishing and Coating. American Society for Metals. 1982. pages 364-365 <span style="float: right;">(No number)</span>						
		"Alternatives to Composite Cathodes," ARPA Battery Workshop, Leesburg, VA, April 25, 1995. Christopher J. Crowley and Patrick J. Magari, Creane, Inc. Hanover, New Hampshire						
EXAMINER				DATE CONSIDERED <b>10-8-02</b>				
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								

# INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY DOCKET NO.  
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SERIAL NO.  
09/432,334

Guidotti, et al.

FILING  
11/2/99

GROUP  
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## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	<del>5,426,003</del>	<del>6/20/95</del>	<del>Spengler, et al.</del>	<del>429</del>	<del>27</del>	<del>2/14/94</del>
J	5,484,662	1/16/96	Rao	428	553	5/6/94
	5,498,269	3/12/96	Larmie	51	295	5/26/95
	5,498,484	3/12/96	Duderstadt	428	633	5/7/90
	5,530,050	6/25/96	Rangaswamy	524	430	4/6/94
	5,554,456	9/10/96	Ovshinsky, et al.	429	59	5/8/95
	5,651,801	7/29/97	Monroe, et al.	51	309	12/19/95
	5,669,941	9/23/97	Peterson	51	295	1/5/96
	5,763,106	6/9/98	Blanchard, et al.	428	570	1/19/96
	5,840,440	11/24/98	Ovshinsky, et al.	429	60	11/20/95
J	6,025,034	2/15/00	Strutt, et al.	427	450	2/5/98

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

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## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

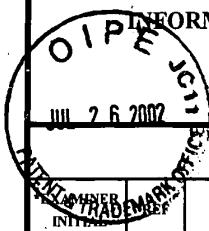
*[Signature]*

DATE CONSIDERED

10-9-02

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## INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Docket Number (Optional)

98-2069

Application Number

09/432,334

Applicant(s)

Guidotti, et al.

Filing Date

November 2, 1999

Group Art Unit

1745

## U.S. PATENT DOCUMENTS

INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	<del>09/705,606</del>	<del>2/28/01</del>	<del>Dai, et al.</del>			
	<del>09/579,874</del>	<del>5/27/00</del>	<del>Wang, et al.</del>			
	<del>09/485,424</del>	<del>2/8/00</del>	<del>Hui, et al.</del>			
je	3,890,686	6/24/75	Caubet, et al.	—	—	—

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AUG 01 2002

TC 1700

## FOREIGN PATENT DOCUMENTS

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

je		T.D. Xiao, et al. "Nanostructured Feedstock for Thermal Spray Applications" Fine, Ultrafine and Nano Powders. pp 1-11 Oct. 17-22, 1999
je		B.H. Kear, et al. "Nanostructures: The Next Generation of High Performance Bulk Materials and Coatings". Naval Research Reviews. Office of naval Research. Four/1994 Vol. XLVII (no month)

EXAMINER

DATE CONSIDERED

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Group Art Unit <b>1745</b>			

*EXAMINER INITIAL	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)
<i>J</i>	T.D. Xiao, et al. "Thermal Spray of Nanostructured Ceramic Coatings for Improved Mechanical Properties". Procs. 12th Intl. Surface Modification conf., Columbus, OH, October 15, 1998.
<i>J</i>	R.C. Weast, et al. CRC Handbook of Chemistry and Physics, 66th Eds., 1985-1986 (CRC press, Boca Raton, florida), PP. B104 <i>(NO MONTH)</i>
<i>J</i>	T.D. Xiao and P.R. Strutt "Inframats Nanostructured Materials Technologies: Thermal Spray Feedstocks, Ready-to Press Powders, and Environmental Materials," Procs. Fine, Ultrafine and Nano Powders '98, New York, NY, Nov 8-10, 1998
<i>J</i>	H.E. Sliney, "A New Chromium Carbide-Based Tribological Coating for Use to 900C with Particular Reference to the Stirling engine," J. vac. Sci. Tech. A, 4 (1986), 2629-2632. <i>(DECEMBER)</i>
<i>J</i>	M. Suzuki, "Comparison of Tribological Characteristics of Sputtered MoS2 Films Coated with Different Apparatus," Wear, 218 (1998), pp. 110-118 <i>(NO MONTH)</i>
<i>J</i>	Dowa Mining Co., Ltd., website, //www.dowa.co.jp/ <i>(NO DATE)</i>
<i>J</i>	K.J. Wahl, M. Belin and I.L. Singer, "A Triboscopic Investigation of the Wear and Friction of MoS2 in A Reciprocation Sliding Contact," Wear, 214 (1998), pp. 212-220 <i>(NO MONTH)</i>
<i>J</i>	T. Spalvins, "A review of recent advances in solid film lubrication," J. Vac. Sci. Technol. A, 5 (1987), pp. 212-219 <i>(MARCH)</i>
<i>J</i>	Zhuang, et al. "Microstructure and tribological properties of sulphide coating produced by ion sulphuration", Wear 225-229 (1999) 799-805 <i>(NO MONTH)</i>
<i>J</i>	Ning, et al. "Wear mechanism of ion-sulphurization layer on steel under dry conditions", Wear 247 (2001) 1-8 <i>(NO MONTH)</i>

EXAMINER <i>John</i>	DATE CONSIDERED <b>10-8-02</b>
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